

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 15395

Application ID: 10063917

Title of Invention: BARRIER LAYER FOR AN ARTICLE  
AND METHOD OF MAKING SAID  
BARRIER LAYER BY EXPANDING  
THERMAL PLASMA

First Named Inventor: Marc Schaepkens

Domestic/Foreign Application: Domestic Application

Filing Date: null

Effective Receipt Date: 2002-05-23



Submission Type: Utility Patent Filing

Filing Type: new-utility

Confirmation Number: 0

Attorney Docket Number: RD-28965

Digital Certificate Holder: cn=Robert P. Santandrea, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US

Certificate Message Digest: wLRMIaVO+hvDsUGrn00bfg==

Total Fees Authorized: \$2526.0

Payment Category: DA - Deposit Account

Deposit Account Number: 70868

Deposit Account Name: Robert P. Santandrea

# TRANSMITTAL FORM

1c474 U.S. PTO  
10/063917  
05/23/02

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

RD-  
28965

Submission Type: Utility Patent  
Filing

## BARRIER LAYER FOR AN ARTICLE AND METHOD OF MAKING SAID BARRIER LAYER BY EXPANDING THERMAL PLASMA

1c474 U.S. PTO  
10/063917  
05/23/02

First Named Inventor: Marc (nmn) Schaepekens

SUBMITTED BY

Name: Robert P. Santandrea

Registration Number: 45072

Electronic Signature Mark: RPS Date Signed: 20020523

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Attached Files:

declaration 28965DEC1.tif

declaration	28965DEC2.tif
patent-assignments	santandreaRD28965asgn.xml
fee-transmittal	santandreaRD28965fee.xml
ibid-transmittal	santandreaRD28965apds.xml
specification	28965SPEC.xml

Attached Image File(s):

28965DEC1.tif

28965DEC2.tif

28965DEC1.tif  
28965DEC2.tif  
28965SPEC.xml  
28965asgn.xml  
28965fee.xml  
28965apds.xml

**Comments:**

[illegible]

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 2526**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Robert P. Santandrea

Electronic Signature Mark: RPS

Date Signed: 20020523

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 103	103	\$ 18	83	\$ 1494
Independent Claims: 6	102	\$ 84	3	\$ 252

Subtotal For Extra Claims Fees: \$ 1746

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

**Subtotal For Additional Fees: \$ 40**

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